

ABSTRACT

A connector is provided including at least one pair of contacts, at least one pair of terminals electrically coupled to the contacts by at least one pair of conductors, and a transient voltage suppression component electrically coupled to the contacts and the terminals. The transient voltage suppression component includes a transient voltage suppression device and a frequency compensation device. The frequency compensation device is coupled in series with the transient voltage suppression device and the transient voltage suppression component is coupling the pair of conductors. The frequency compensation device is an inductor. One of the transient voltage suppression device and one the frequency compensation device are used for each pair of conductors. Alternatively, two of the transient voltage suppression devices and two of the frequency compensation devices are used for each pair of conductors.